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from other parts agrees with the shape, size and thickness of the scale and the motion of the part. If this conclusion stands it will seriously modify systems of classification employing radii as characters.

Messrs. William J. Crozier and Selig Hecht, of the College of the City of New York, who were assigned to the director for duty, accompanied the various collection trips, made extensive collections of fishes and kept a complete record of all observations, devoting special attention to those relating to the food, habits, rate of growth, relative abundance and distribution of the fishes taken. They also studied correlations among weight, length and other body measurements of the squeteague (*Cynoscion regalis*). The coefficient of correlation of weight and length and the constant, which if multiplied by the cube of the length gives the weight of the fish, were determined. Stomach contents of a large number of examples of this species were examined. The results indicate that the relative proportions of the forms of life commonly eaten depend upon the size of the fish and that the food varies with the locality.

LEWIS RADCLIFFE,
Director

SCIENTIFIC NOTES AND NEWS

PROFESSOR WILLIAM BATESON, director of the John Innes Horticultural Institution, has been elected president of the British Association for the Advancement of Science for the meeting which will be held next year in Australia.

ON the occasion of the meeting of the International Geological Congress at Toronto, the University of Toronto conferred the degree of doctor of laws on the following geologists: T. C. Chamberlin, U. S. A.; W. G. Miller, Canada; P. M. Termier, France; R. Beck, Germany; J. J. Sederholm, Finland; T. Tschermyshev, Russia, and A. Strahan, England.

PROFESSOR LILLIEN J. MARTIN, professor of psychology at Stanford University, has had the honorary degree of doctor of philosophy conferred upon her by the University of Bonn.

PROFESSOR BIER and Professor Körte, of Berlin, have been named as honorary members of the Royal College of Surgeons in London.

ACCORDING to a note in *The Observatory* the American astronomers present at the meeting of the Solar Union at Bonn were: Campbell, St. John and Burns, from California; Stebbins, from Illinois; Parkhurst, Slocum and Gingrich, from Yerkes; Schlesinger, from Allegheny; Russell and Shapley, from Princeton; Ames, from Baltimore; Doolittle, from Philadelphia; Nichols, from Cornell; Pickering, Bailey, Miss Cannon and Mrs. Hastings, from Harvard; Miss Whiting and Miss Allen, from Wellesley, and Plaskett, from Ottawa.

DR. CARL CORRENS, professor of botany at Munster, has been appointed director of the Research Institute for Biology of the Kaiser Wilhelm Society. Dr. Spemann, professor of zoology at Rostock, has been appointed assistant director.

PRINCE GALITZIN has become director of the Observatoire Physique Central Nicolas, St. Petersburg.

MR. AKSEL S. STEEN has been appointed director of the Meteorological Institute of Norway, in succession to Dr. H. Mohn, who has retired.

MR. C. A. McLENDON, for the past five years botanist and plant-pathologist to the Georgia Experiment Station, in charge of plant-breeding investigations, has tendered his resignation to take effect October the first, after which date he expects to be engaged in private business.

L. F. HAWLEY, Ph.D. (Cornell), formerly in charge of the section of wood distillation and chemistry of the U. S. Forest Service, is now the director of a forest products department recently established by Arthur D. Little, Incorporated, Boston, Mass.

DR. CALVERT M. DEFOREST has been appointed deputy health officer of the Port of New York. Dr. DeForest has recently returned from Libau, Russia, where he has been in the Public Health Service for the last five years.

FREDERICK G. CLAPP, of the Associated Geological Engineers, has returned from the gas fields of Hungary, and has gone to New Brunswick in company with Mr. Myron L. Fuller and Mr. Lloyd B. Smith of the same bureau.

MR. D. A. BANNERMAN has returned from a zoological mission to the eastern islands of the Canary group, undertaken with the object of procuring birds for the Natural History Museum, London.

SIR WILLIAM OSLER will distribute the prizes and deliver an address at St. George's Hospital on October 1.

THE lectures at the Harvey Society in the Academy of Medicine, New York City, will be inaugurated on October 4 by a demonstrative lecture by Dr. A. D. Waller, of London, entitled "A Short Account of the Origin and Scope of Electrocardiography." Subsequent lecturers are Professor Adolph Schmidt, Halle; Dr. Charles V. Chapin, Providence, R. I.; Dr. Rufus Cole, Rockefeller Institute; Professor G. H. Parker, Harvard; Dr. Victor C. Vaughan, Ann Arbor, Mich.; Professor Sven Hedin, Upsala, Sweden, and Professor J. J. R. Macleod, Western Reserve University.

A LECTURE will be delivered on October 7 at the University of Birmingham by Professor Arthur Keith, F.R.S., on "The Present Problems Relating to the Antiquity of Man."

A TABLET has been unveiled at Primiero, Southern Tyrol, on the house in which Alois Negrelli was born, to commemorate his work as surveyor of the Suez Canal.

MR. EDWARD LYMAN MORRIS, since 1907 curator of natural science in the Museum of the Brooklyn Institute and since 1898 special plant expert of the U. S. National Museum and the U. S. Department of Agriculture, died on September 14, aged forty-three years.

PROFESSOR MOSES CRAIG, formerly professor of botany at the Oregon Agricultural College and botanist of the station, later in charge of the herbarium of the Shaw Botanical Garden, St. Louis, died on August 31. He was graduated from the Ohio State University in

1889 and received a master's degree from Cornell University in 1890.

WE learn from the London *Times* that the future of the educational museums, founded and equipped by the late Sir Jonathan Hutchinson, at Haslemere, Selby (Yorks), and 22, Chenies-Street, London, is causing some concern. In his will Sir Jonathan leaves the museums to his trustees to dispose of as they may think best. In his lifetime he spent on the museums and their equipment at least £30,000. At Haslemere there is a strong feeling that everything should be done to retain the museum for the town, and it is understood that the family are willing to hand it over to a responsible committee or body of trustees so that the museum may be placed on a permanent and public basis. The annual cost of maintenance on present lines is about £400, and an appeal will shortly be issued with the hope of securing this sum for five years at least, it being thought that by that time those who are interested in the matter will have had an opportunity of deciding what are the best steps to be taken for the permanent control and maintenance of the museum.

UNIVERSITY AND EDUCATIONAL NEWS

By the will of Miss Katherine Allen, of Worcester, the Worcester Polytechnic Institute received a bequest amounting to about \$100,000.

MRS. RUSSELL SAGE has given \$34,000 to Syracuse University, of which \$30,000 is for the Joseph Slocum Agricultural College.

MRS. ELLA STRONG DENISON, widow of the late Dr. Charles Denison, proposes to give a medical building to the University of Colorado. The wings will be used for laboratories, and the central tower will have a lecture room and a library. The west wing is now being built. It will be called the Henry S. Denison Laboratory in memory of Mrs. Denison's son, who was a member of the University of Colorado faculty.

FROM the list of doctorates conferred by American universities, published in *SCIENCE*